

Title (en)
Helical conveyor

Title (de)
Spiralförderer

Title (fr)
Transporteur hélicoïdal

Publication
EP 0685414 B1 19971022 (DE)

Application
EP 95103906 A 19950317

Priority
DE 4419612 A 19940603

Abstract (en)
[origin: EP0685414A1] The conveyor system has leading spiral sections (33,35,37) in the transport direction. These exhibit a smaller gap relative to the central axis (19) of the spiral (31) than the rear spiral sections (35,37,39) in the transport direction. The brush (47) is fitted in the step (53) created by two outer spiral sections (37,39) on the transport side of the spiral. The side face (58) of the brush is aligned with the transport surface (59) of the second outermost spiral section (37). <IMAGE>

IPC 1-7
B65G 33/14; **B65G 33/26**; **E03F 5/14**

IPC 8 full level
B65G 33/14 (2006.01); **B65G 33/26** (2006.01); **E03F 5/14** (2006.01)

CPC (source: EP US)
B65G 33/265 (2013.01 - EP US); **E03F 5/14** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 5573660 A 19961112; AT E159499 T1 19971115; DE 4419612 A1 19951207; DE 59500834 D1 19971127; EP 0685414 A1 19951206; EP 0685414 B1 19971022; HU 9501630 D0 19950728; HU T70823 A 19951128

DOCDB simple family (application)
US 45707195 A 19950601; AT 95103906 T 19950317; DE 4419612 A 19940603; DE 59500834 T 19950317; EP 95103906 A 19950317; HU 9501630 A 19950602